

L Number	Hits	Search Text	DB	Time stamp
1	374	422/\$.ccls. and (hydrotreat\$ (hydro adj treat\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/13 10:02
2	87	422/187-190.ccls. and (hydrotreat\$ (hydro adj treat\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/13 10:03
3	94	422/187-190.ccls. and (desulf\$ and hydrogen)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/13 10:03
-	75	585/259.ccls.	USOCR	2004/02/25 15:23
-	284	585/259.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 15:22
-	26	585/259.ccls. and (sulfur sulphur)	USOCR	2004/02/25 15:23
-	95	585/259.ccls. and (sulphur\$ sulfur\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 15:38
-	176	208/57.ccls. and (sulphur\$ sulfur\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/25 15:39
-	126	208/57.ccls. and (sulphur\$ sulfur\$)	USOCR	2004/02/25 16:27
-	139	208/210.ccls.	USOCR	2004/02/25 16:27
-	9	3133013.URPN.	USPAT	2004/02/25 16:45

L Number	Hits	Search Text	DB	Time stamp
-	2	6007704.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT DERWENT USPAT	2002/08/07 11:02 2002/08/07 11:02 2002/08/07 11:09
-	1	1998-181216.NRAN.		
-	11	("2025255" "2270667" "2983669" "3341448" "3424673" "3957625" "4990242" "5064525" "5290427" "5318690" "5364998").PN.		
-	2	("4337329" "4602000").PN.	USPAT	2002/08/07 17:37
-	23	4337329.URPN.	USPAT	2002/08/07 17:37
-	446	196/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT	2002/08/08 10:19 2002/08/08 10:20 2002/08/08 10:48
-	10	196/46.ccls. and (hydrodesulfurization hydrodesulfurisation desulfur\$7 hydrodesulf\$7)		
-	8	("3759821" "3767568" "3957625" "4049542" "4062762" "4753720" "4827076" "5143596").PN.		
-	3	("1939633" "2070295" "3957625").PN.	USPAT	2002/08/08 10:49
-	207	44/435.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT	2002/08/08 10:56 2002/08/08 10:56 2002/08/08 10:57 2002/08/08 10:59 2002/08/08 11:49 2002/08/08 13:17
-	4	44/435.ccls. and apparatus		
-	2	2070295.URPN.		
-	1	2025255.URPN.		
-	2	3424673.URPN.		
-	90	408/189.ccls.		
-	89	408/189.ccls. and @py<=1997		
-	164	208/189.ccls.		
-	63	208/189.ccls. and (sulfur\$7 desulfur\$7)		
-	2	4383916.URPN.		
-	12	("2740747" "2764754" "2769757" "2800427" "2988500" "3108081" "3551324" "3783125" "3894107" "4156641" "4208271" "4383916").PN.		
-	56	2988500.URPN.		
-	82	208/218.ccls.	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT	2002/08/08 13:26 2002/08/08 14:30 2002/08/08 13:41
-	32	("3671603" "3699036" "3884984" "4055483" "4123502" "4194964" "4213847" "4232177" "4451607" "4486297" "4676887" "4690806" "4731229" "4827076" "4941968" "4990242" "5009770" "5073236" "5084259" "5124027" "5154817" "5173173" "5266546" "5290427" "5320742" "5321163" "5322615" "5348641" "5431888" "5431890" "5510568" "5597476").PN.		

-	11	("3729409" "3759821" "3767568" "3923641" "3957625" "4049542" "4062762" "4738766" "4753720" "4827076" "5143596").PN.	USPAT	2002/08/08 13:46
-	8	5320742.URPN.	USPAT	2002/08/08 13:47
-	12	("4190519" "4314901" "4374046" "5143596" "5171425" "5318680" "5318690" "5320742" "5401391" "5409596" "5482617" "5895828").PN.	USPAT USPAT	2002/08/08 13:49
-	2	6083379.URPN.	USPAT	2002/08/08 13:51
-	32	("3671603" "3691066" "3884984" "3960683" "4055483" "4113603" "4123502" "4194964" "4451607" "4486297" "4676887" "4690806" "4731229" "4827076" "4941968" "4990242" "5009770" "5073236" "5084259" "5124027" "5154817" "5266546" "5290427" "5320742" "5321163" "5322615" "5348641" "5431888" "5431890" "5510568" "5595634" "5597476").PN.	USPAT USPAT	2002/08/08 13:52
-	12	("2892774" "2927891" "2938857" "3050457" "3607723" "3671420" "3691152" "3830731" "3843508" "3902991" "4006076" "4062762").PN.	USPAT	2002/08/08 14:29
-	1	208/218.ccls. and 208/189.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/08 14:36
-	10	208/218.ccls. and (sweet\$5 oxidi\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/08 14:42
-	164	208/189.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/08 14:42
-	146	208/189.ccls. and @py<=1996	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/08 15:46
-	1	2674566.URPN.	USPAT	2002/08/08 15:02
-	2	5064525.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/08 18:20
-	3	5064525.URPN.	USPAT	2002/08/08 15:47
-	15	("2740747" "2769759" "2918426" "2966453" "3252892" "3980582" "4019869" "4201626" "4290913" "4490246" "4491565" "4753722" "4897175" "4908122" "4913802").PN.	USPAT USPAT	2002/08/08 15:48
-	6	4897175.URPN.	USPAT	2002/08/08 15:55
-	10	("2779711" "2793986" "2880166" "3050459" "3072564" "3112259" "3162597" "3172839" "3189540" "3281352").PN.	USPAT USPAT	2002/08/08 15:55
-	2	4897175.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/08 18:21
-	1	3424673.pn.	USPAT	2002/08/09 11:59
-	27	2025255.pn. 2270667.pn. 2983669.pn. 3424673.pn. 3957625.pn. 4990242.pn. 5064525.pn. 5290427.pn. 5318690.pn. 3341448.pn. 5364998.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 15:02
-	1	de-1470487-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 15:06
-	1	(fractionation same hydrotreat\$ same strip\$) and (sweet\$) and (selective with hydrogenation)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 15:53

-	11	("2025255" "2270667" "2983669" "3341448" "3424673" "3957625" "4990242" "5064525" "5290427" "5318690" "5364998").PN.	USPAT	2003/03/06 15:52
-	11	(fractionation and hydrotreat\$ and strip\$) and (sweet\$) and (selective with hydrogenation)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 15:59
-	307	208/212.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 15:59
-	252	208/212.ccls. and @py<=1998	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 16:00
-	87	(208/212.ccls. and @py<=1998) and hydrotreat\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 16:43
-	8	("3759821" "3767568" "3957625" "4049542" "4062762" "4753720" "4827076" "5143569").PN.	USPAT	2003/03/06 16:26
-	9	(208/212.ccls. and @py<=1998) and hydrodesulf\$ not hydrotreat\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 16:50
-	7	3617525.URPN.	USPAT	2003/03/06 16:45
-	72	208/189.ccls. and (hydrotreat\$ hydrodesulf\$ sulfur\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/06 16:52
-	4	4208271.URPN.	USPAT	2003/03/06 17:03
-	3	5064525.URPN.	USPAT	2003/03/06 17:17
-	15	("2740747" "2769759" "2918426" "2966453" "3252892" "3980582" "4019869" "4201626" "4290913" "4490246" "4491565" "4753722" "4897175" "4908122" "4913802").PN.	USPAT	2003/03/06 17:18
-	12	585/259-262.ccls. and ((fraction\$ cut) same (hydrotreat\$ desulfur\$ (sulfur with remov\$)) same (strip\$ (sulfide with remov\$)))	USPAT	2003/03/07 11:22
-	22	("2493499" "2717202" "3186935" "3531542" "3839486" "4213847" "4221653" "4232177" "4293728" "4361422" "4396790" "4404124" "4417089" "4439350" "4533779" "4724274" "4740663" "5012021" "5087780" "5281753" "5321163" "5431888").PN.	USPAT	2003/03/07 11:12
-	30	208/192.ccls.	USPAT	2003/03/07 11:34
-	799	208/210-212,218.ccls.	USPAT	2003/03/07 11:34
-	61	208/210-212,218.ccls. and (frac\$ and (hydrotreat\$ hydrodesulf\$) and sweet\$)	USPAT	2003/03/07 11:34
-	53	208/210-212,218.ccls. and (fractionat\$ and (hydrotreat\$ hydrodesulf\$) and sweet\$)	USPAT	2003/03/07 12:56
-	2	4973396.URPN.	USPAT	2003/03/07 11:49
-	243	585/259.ccls.	USPAT	2003/03/07 12:56
-	37	585/259.ccls. and (hydrotreat\$ hydrodesulf\$)	USPAT	2003/03/07 15:18
-	132	(fraction\$ cut\$ distill\$) same (hydrogenat\$) same (hydrotreat\$ hydrodesulf\$) same (strip\$ scrub\$ (sulfide with remov\$)) and (208/\$.ccls. 585/\$.ccls. 422/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/07 16:50
-	11	("2394751" "3000816" "3094480" "3457163" "3623973" "3642927" "3756944" "3948763" "3953321" "4013545" "4111796").PN.	USPAT	2003/03/07 16:02
-	5	3457163.URPN.	USPAT	2003/03/07 16:20
-	6	4486297.URPN.	USPAT	2003/03/07 16:34

-	1	(fraction\$ cut\$ distill\$) same (hydrogenat\$) same (hydrotreat\$ hydrodesulf\$) same (strip\$ scrub\$ (sulfide with remov\$)) and (208/\$.ccls. 585/\$.ccls. 422/\$.ccls.) and (sweet\$ same (caustic and (oxidiz\$ oxida\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/07 16:52
-	8	(hydrotreat\$ hydrodesulf\$) same (strip\$ scrub\$ (sulfide with remov\$)) and (208/\$.ccls. 585/\$.ccls. 422/\$.ccls.) and (sweet\$ same (caustic and (oxidiz\$ oxida\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/07 16:53
-	3	4486297.pn. 3457163.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/07 19:28
-	173	208/189.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/07 19:28
-	2	208/189.ccls. and (oxidant\$ oxidiz) and caustic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/07 19:30
-	5	208/189.ccls. and ((oxida\$ oxidi\$) and (hydrotreat\$ hydrodesulf\$) and strip\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 13:29
-	1	("H.sub.2" adj "S") with (oxida\$ oxidi\$) and (208/189.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 13:34
-	18	(208/209-212.ccls. 208/189-207.ccls.) and ((hydrotreat\$ hydrodesulf\$) and (sweeten\$ same (oxidi\$ oxida\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 13:35
-	12	("3184402" "3240694" "3779897" "3816296" "3869378" "3873442" "4082647" "4298458" "4755280" "4756822" "4780193" "4789457").PN.	USPAT	2003/03/08 13:50
-	1	hydrotreat\$ same strip\$ same (mercap\$ with (oxida\$ oxidi\$)) and (208/\$.ccls. 585/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 14:01
-	25	hydrotreat\$ same (mercap\$ with (oxida\$ oxidi\$)) and (208/\$.ccls. 585/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 14:05
-	2	4990242.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 14:15
-	12	("2892774" "2927891" "2938857" "3050457" "3607723" "3671420" "3691152" "3830731" "3843508" "3902991" "4006076" "4062762").PN.	USPAT	2003/03/08 14:05
-	148	(sweeten\$ with (oxida\$ oxidi\$)) and (208/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 14:16
-	8	3847800.URPN.	USPAT	2003/03/08 14:25
-	7	208/255.ccls. and (hydrotreatment)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/08 15:34
-	85	422/\$.ccls. and (desulfur\$ desulphur\$ hydrodesulfur\$ hydrodesulph\$ hydrotreat\$) and (selective with hydrogen\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/24 16:02
-	8	422/\$.ccls. and (desulfur\$ desulphur\$ hydrodesulfur\$ hydrodesulph\$ hydrotreat\$) and (selective with hydrogen\$)	USOCR	2004/02/24 16:02

-	914	208/218,210,211,212.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/24 16:15
-	117	208/218,210,211,212.ccls. and (selective\$ with hydrogen\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/24 16:15
-	373	208/218,210,211,212.ccls.	USOCR	2004/02/24 16:15
-	60	208/218,210,211,212.ccls. and (selective\$ with hydrogen\$)	USOCR	2004/02/24 16:16
-	2	3239454.URPN.	USPAT	2004/02/24 16:47